

Mr. Darryl D. Miller  
Eaton Corporation-Aeroquip  
10801 U.S. Highway 24 East  
New Haven, IN 46774

Dear Mr. Miller:

Re: Exempt Construction and Operation Status,  
003-11916-00265

The application from Eaton Corporation-Aeroquip, received on February 22, 2000 has been reviewed. Based on the data submitted and the provisions in 326 IAC 2-1.1-3, it has been determined that the following equipment, to be located at 10801 U.S. Highway 24 East, New Haven, Indiana, is classified as exempt from air pollution permit requirements:

- (1) one (1) acetylene torch braze station referred to as TB-13 exhausting through stack TB-13; stack height 32 feet, diameter: 1 foot, gas discharge temperature: 150 degrees Fahrenheit, gas flow rate: 1200 acfm.
- (2) one (1) automated parts washer referred to as PW-5 using Citri-Brite (citric acid) solvent, exhausting through stack PW-5; stack height 32 feet, diameter: 1 foot, gas discharge temperature: 150 degrees Fahrenheit, gas flow rate: 700 acfm.

The following conditions shall be applicable:

- (1) Pursuant to 326 IAC 2-5.5 (Registrations) an authorized individual shall provide an annual notice to the Office of Air Management that the source is in operation and in compliance with its registration status (326 IAC 2-5.5-4(a)(3)). The annual notice shall be submitted to:

Compliance Data Section  
Office of Air Management  
100 North Senate Avenue  
P.O. Box 6015  
Indianapolis, IN 46206-6015

no later than March 1 of each year, with the annual notice being submitted in the format attached.

- (2) Pursuant to 326 IAC 5-1-2 (Opacity Limitations) except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations) opacity shall meet the following:
- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
  - (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of 15 minutes (60 readings) in a 6-hour period as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor in a six (6) hour period.

An application or notification shall be submitted in accordance with 326 IAC 2 to the Office of Air Management (OAM) if the source proposes to construct new emission units, modify existing emission units, or otherwise modify the source resulting in potential to emit exceeding the thresholds stated under 326 IAC 2-1.1-3(d)(1).

Sincerely,

Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Management

rjc  
Enclosure: Registration Annual Notification

cc: File - Allen County  
Allen County Health Department  
Air Compliance - Jennifer Schick  
Permit Tracking - Janet Mobley  
Technical Support and Modeling - Nancy Landau

## Indiana Department of Environmental Management Office of Air Management

### Technical Support Document (TSD) for Exempt Emission Units

#### Source Background and Description

Source Name: Eaton Corporation-Aeroquip  
Source Location: 10801 U.S. Highway 24 East, New haven, IN 46774  
County: Allen  
Construction Permit No.: 003-11916-00265  
SIC Code: 3585  
Permit Reviewer: R. Joe Crawford

The Office of Air Management (OAM) has reviewed an application from Eaton Corporation-Aeroquip relating to the construction and operation of the following equipment to an existing registered source:

- (a) one (1) acetylene torch braze station referred to as TB-13 exhausting through stack TB-13; stack height 32 feet, diameter: 1 foot, gas discharge temperature: 150 degrees Fahrenheit, gas flow rate: 1200 acfm.
- (b) one (1) automated parts washer referred to as PW-5 using Citri-Brite (citric acid) solvent, exhausting through stack PW-5; stack height 32 feet, diameter: 1 foot, gas discharge temperature: 150 degrees Fahrenheit, gas flow rate: 700 acfm.

#### Stack Summary

Stack ID	Operation	Height (feet)	Diameter (feet)	Flow Rate (acfm)	Temperature (°F)
TB-13	braze station	32	1	1200	150
PW-5	parts washer	32	1	700	150

#### Recommendation

The staff recommends to the Commissioner that the construction and operation be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

A complete application for the one (1) torch braze station (TB-13) and one (1) automated parts washer (PW-5) was received on February 21, 2000 (003-11916-00265).

## Emission Calculations

### One (1) Torch Braze Station (TB-13)

Pursuant to the Technical Support Document issued with Exempt Construction and Operation Status 003-4967-00029 on December 29, 1995, there are no regulated pollutants emitted from the acetylene torch braze operations.

### One (1) Automated Parts Washer (PW-5)

Pursuant to the Technical Support Document and Emission Calculations issued with Registered Construction and Operation Status CP 003-9150-00265 on February 16, 1998, there are no emissions from the parts washer utilizing Citri-Brite solvent.

## Potential To Emit

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as “the maximum capacity of a stationary source or emissions unit to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U. S. EPA, the department, or the appropriate local air pollution control agency.”

Pollutant	Potential To Emit (tons/year)
PM	negligible
PM-10	negligible
SO <sub>2</sub>	negligible
VOC	negligible
CO	negligible
NO <sub>x</sub>	negligible

- (a) The potential to emit of all regulated air pollutants are less than the thresholds stated under 326 IAC 2-1.1-3(d)(1), therefore the emission units listed under this approval are issued exempt status.

## County Attainment Status

The source is located in Allen County. Allen County has been classified as attainment or unclassifiable for all criteria pollutants.

## Source Status

This source is currently a registered source. The Technical Support Documents for all approvals issued to this source have been checked and it has been determined that with the issuance of this approval the source will continue to have a potential to emit for all regulated pollutants below the thresholds that would make it applicable for the Minor Source Operating Permit Program.

## Federal Rule Applicability

- (a) There are no New Source Performance Standards (NSPS)(326 IAC 12 and 40 CFR Part 60) applicable to this source.
- (b) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs)(326 IAC 14 and 40 CFR art 63) applicable to this source.

### **State Rule Applicability - Entire Source**

#### **326 IAC IAC 2-5.5 (Registrations)**

An authorized individual shall provide an annual notice to the Office of Air Management that the source is in operation and in compliance with its registration status (326 IAC 2-5.5-4(a)(3)). The annual notice shall be submitted to:

Compliance Data Section  
Office of Air Management  
100 North Senate Avenue  
P.O. Box 6015  
Indianapolis, IN 46206-6015

no later than March 1 of each year.

#### **326 IAC 5-1 (Opacity Limitations)**

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of forty percent (40%) any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

### **State Rule Applicability - Individual Emission Units**

There are no State Rules applicable to the emission units listed under this approval.

### **Air Toxic Emissions**

Indiana presently requests applicants to provide information on emissions of the 188 hazardous air pollutants (HAPs) set out in the Clean Air Act Amendments of 1990. These pollutants are either carcinogenic or otherwise considered toxic and are commonly used by industries. They are listed as air toxics on the Office of Air Management (OAM) Construction Permit Application Form Y.

None of the listed air toxics will be emitted from this source.

### **Conclusion**

The construction and operation of this one (1) torch braze station and one (1) automatic parts washer shall be subject to the conditions of the attached proposed Exemption 003-11916-00265.